

Creating a Globally Competitive Manufacturing Environment in the US



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How Do We Compete In A Global Marketplace?







Key Themes

- Managing Innovation in an Emerging Technology Environment
- Synchronizing Product Lifecycle Management with State-of-the-Art Manufacturing Technologies
- Design for Manufacturability and Assembly in the US
- Understanding the Myths and Realities of Offshore Manufacturing



Homegrown Vision







Be Flexible

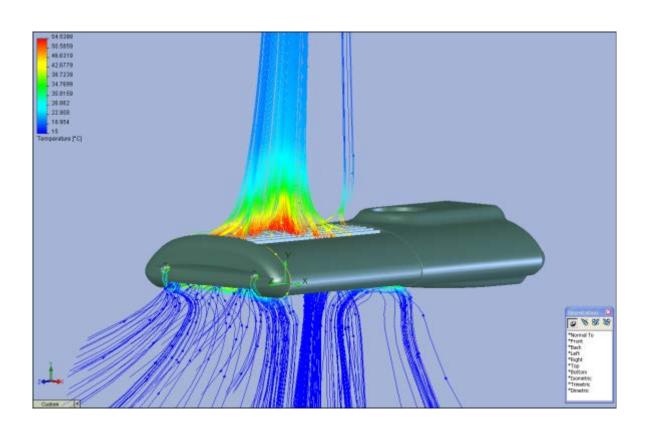
Shorter product lifecycles More product introductions

Managing Innovation in an Emerging Technology Environment



Reliable LED Luminaire Performance

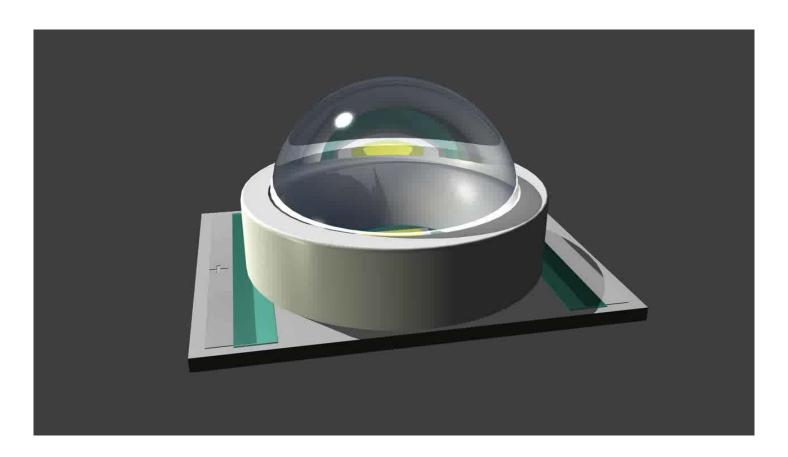
Requires Effective Thermal Management





Reliable LED Luminaire Performance

Requires Effective Optical Design and Control





Synchronizing Product Lifecycle Management with State-of-the-Art Manufacturing Technologies



Pre-LED – 30 years of history



LED – 5 Years of Product Innovation

May 2007 (Lightfair)

First Manufacturer to Launch a Full Line of LED Luminaires Under BetaLED® Product Brand Name





Design for Manufacturability and Assembly in the US



Advanced Manufacturing

New 21st Century Production Technology



State of the Art Manufacturing & Quality Processes

LED Luminaire Assembly (Two Step Process)

- Light Engine Assembly
- General Luminaire Assembly



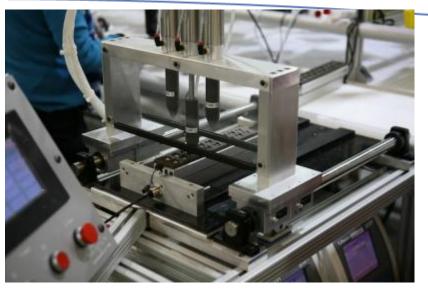




Our Value

Invest in Quality Control







State of the Art Manufacturing and Quality Processes

DeltaGuard® Finishing





A1



5000 Hour Comparison



Magnification 3.4 Diameters

B1





Magnification 3.4 Diameters





Myths and Realities of Offshore Manufacturing



August 17, 2011

Cree Acquires Ruud Lighting, Inc. to Accelerate the LED Lighting Revolution

Addition of BetaLED® Product Line Strengthens Leadership Position in LED Lighting and Components



November 15, 2011

Cree's Ruud Lighting Subsidiary
Announces 208,000-Square-Foot Facility
Expansion to Create 469 Full-time Jobs
Over the Next Four Years

Cree, Inc.'s Ruud Lighting subsidiary, based in Racine, Wisc., will hold a groundbreaking ceremony today to highlight a 208,000-square-foot expansion to its manufacturing facility.



208,000-Square-Foot Facility Expansion





Proven America (Meets ARRA)





Summary









This





To This



City of Los Angeles LED Program

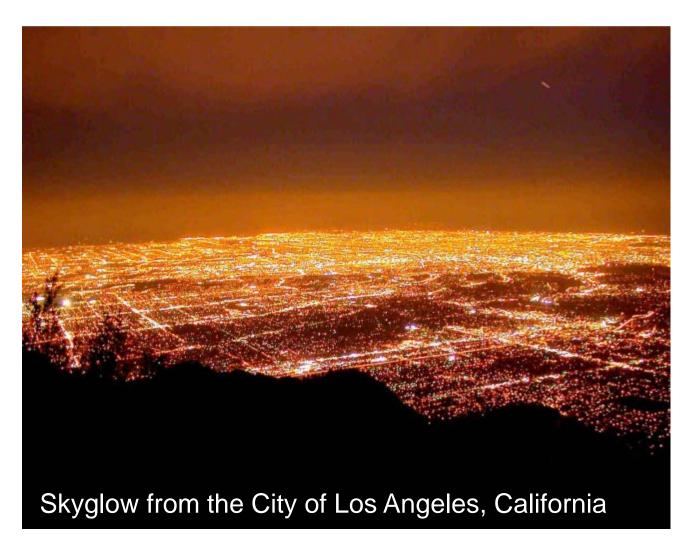
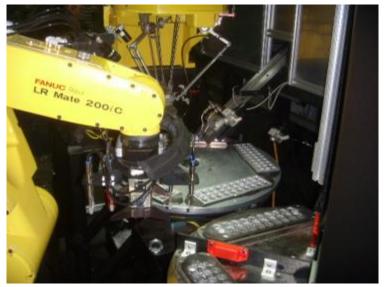
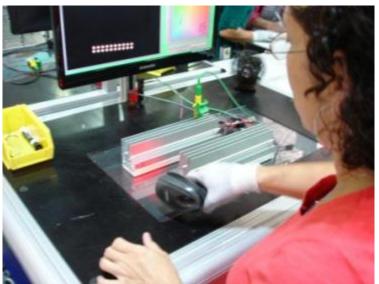


Photo courtesy of City of Los Angeles/Bureau of Street Lighting



We Must Provide Value









Questions?





LED lighting: Energy efficient & planet friendly.

Cree. Leading the LED lighting revolution.

Join Cree's LED lighting revolution. We invite you to see how our high-performance, high-efficiency LEDs are lighting up the world.

